$$\text{Energy Consumption Rate (per 100 lbs ice)} = \frac{\text{Energy Consumed During Testing (kWh)}}{\text{Mass of Ice Collected During Testing (lbs)}} \times 100\%$$

[71 FR 71372, Dec. 8, 2006]

§ 431.135 Units to be tested.

For each basic model of automatic commercial ice maker selected for testing, a sample of sufficient size shall be selected at random and tested to ensure that—

(a) Any represented value of estimated maximum energy use or other measure of energy consumption of a basic model for which consumers would favor lower values shall be no less than the higher of:

(1) The mean of the sample, or

(2) The upper 95 percent confidence limit of the true mean divided by 1.10; and

(b) Any represented value of the energy efficiency or other measure of energy consumption of a basic model for which consumers would favor higher values shall be no greater than the lower of:

(1) The mean of the sample, or

(2) The lower 95 percent confidence limit of the true mean divided by 0.90.

(Components of similar design may be substituted without requiring additional testing if the represented measures of energy continue to satisfy the applicable sampling provision.)

[75 FR 666, Jan. 5, 2010]

ENERGY CONSERVATION STANDARDS

§ 431.136 Energy conservation standards and their effective dates.

Each automatic commercial ice maker that produces cube type ice with capacities between 50 and 2500 pounds per 24-hour period when tested according to the test standard established in accordance with section 343 of EPCA (42 U.S.C. 6314) and is manufactured on or after January 1, 2010, shall meet the following standard levels:

Equipment type	Type of cooling	Harvest rate (lbs ice/24 hours)	Maximum energy use (kWh/100 lbs ice)	Maximum condenser water use * (gal/100 lbs ice)
Ice Making Head	Water	<500	7.80–0.0055H	200–0.022H.
Ice Making Head	Water	≥500 and <1436	5.58–0.0011H	200–0.022H.
Ice Making Head	Water	≥1436	4.0	200–0.022H.
Ice Making Head	Air	<450	10.26–0.0086H	Not applicable.
Ice Making Head	Air	≥450	6.89–0.0011H	Not applicable.
Remote Condensing (but not remote compressor)	Air	<1000	8.85–0.0038H	Not applicable.
Remote Condensing (but not remote compressor)	Air	≥1000	5.1	Not applicable.
Remote Condensing and Remote Compressor	Air	<934	8.85–0.0038H	Not applicable.
Remote Condensing and Remote Compressor	Air	≥934	5.3	Not applicable.
Self Contained	Water	<200	11. 40–0.019H	191–0.0315H.
Self Contained	Water	≥200	7.6	191–0.0315H.
Self Contained	Air	<175	18.0–0.0469H	Not applicable.
Self Contained	Air	≥175	9.8	Not applicable.

H Harvest rate in pounds per 24 hours.
*Water use is for the condenser only and does not include potable water used to make ice.

[70 FR 60415, Oct. 18, 2005; 70 FR 61698, Oct. 25, 2005]

Subpart I—Commercial Clothers Washers

SOURCE: 70 FR 60416, Oct. 18, 2005, unless otherwise noted.

§ 431.151 Purpose and scope.

This subpart contains energy conservation requirements for commercial clothes washers, pursuant to Part C of Title III of the Energy Policy and Conservation Act, as amended, 42 U.S.C. 6311–6317.

§ 431.152 Definitions concerning commercial clothes washers.

Commercial clothes washer means a soft-mounted front-loading or soft-mounted top-loading clothes washer that—